

UNOLS Van Pool Update

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&
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Introduction

- Purpose of the UNOLS VAN POOLS: to supply shared use standard IOS portable laboratory vans for oceanographic research.
- West coast pool run by Pete Zerr.
- East coast pool run by Tim Deering.

Topics of Discussion

- Where are we now
- New builds
- Oops
- We need your help
- Improvements

Where Are We Now

West coast van pool

- Existing van complement
 - ◆ One general purpose van (OCE)
 - ◆ One isotope van (OCE)
 - ◆ One cold van (OCE)
- New additions
 - ◆ One general purpose van (OPP)
 - ◆ One isotope van (OPP)

Where Are We Now

East coast van pool

- Existing van complement
 - ◆ Two general purpose van (OCE)
 - ◆ One isotope van (OCE)
 - ◆ One cold van (OCE)
 - ◆ One clean van (OCE)
- New additions
 - ◆ One general purpose van (OCE)
 - ◆ One isotope van (OCE)
 - ◆ One cold van (OCE) May 2009

New Builds

Builds in 2008.

A total of 5 new vans were added to the pools in 2008. Three of the vans were funded by OCE (Dr. Jim Holik's program) and two vans were funded by the office of polar programs (Dr. Renee D. Crain's program).

In addition a clean van (ordered in 2007) started service with the GEOTRACES (5-year) program.

New Builds



The two office of polar program's vans; Finished construction and ready for transport. One is an isotope van and the other a general purpose van.

New Builds

New 10 ft nitrogen generator van under construction for the WHOI group.



4/20/09

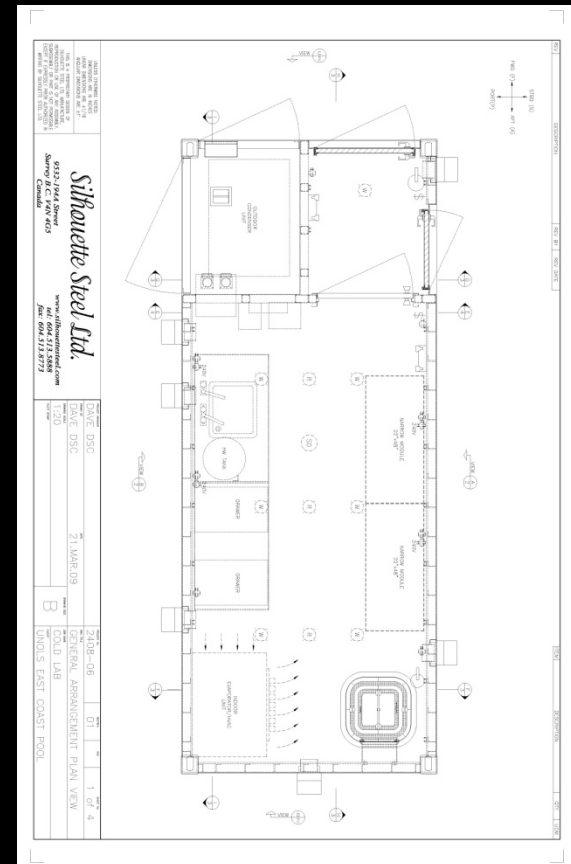
New Builds

Two new vans
ready to head for
the UNOLS east
coast van pool,
one isotope van
and one general
purpose van.



New Builds 2009

A new cold van for the UNOLS east coast van pool has just started construction for delivery the end of MAY 2009.



Oops



This van was apparently struck by another ISO van while being delivered from South America to Baltimore by commercial container ship.

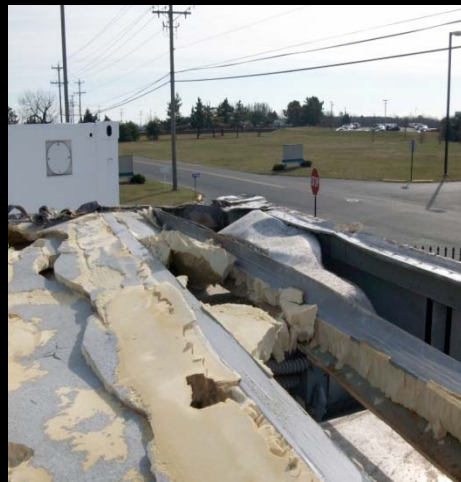
Opps

We have found some sub-floor corrosion issues this year. It turned out that the ply-wood used in sub-floor construction contained cooper as a treatment. This combined with water intrusion caused, in some cases, server corrosion problems. New floor construction methods were implemented including a aluminum floor option seen here.



Opps

Although this van was not a UNOLS constructed van it shows the hazards of transport and the need for standards. This van was only slightly taller than a IOS standard van. It hit a highway overpass.



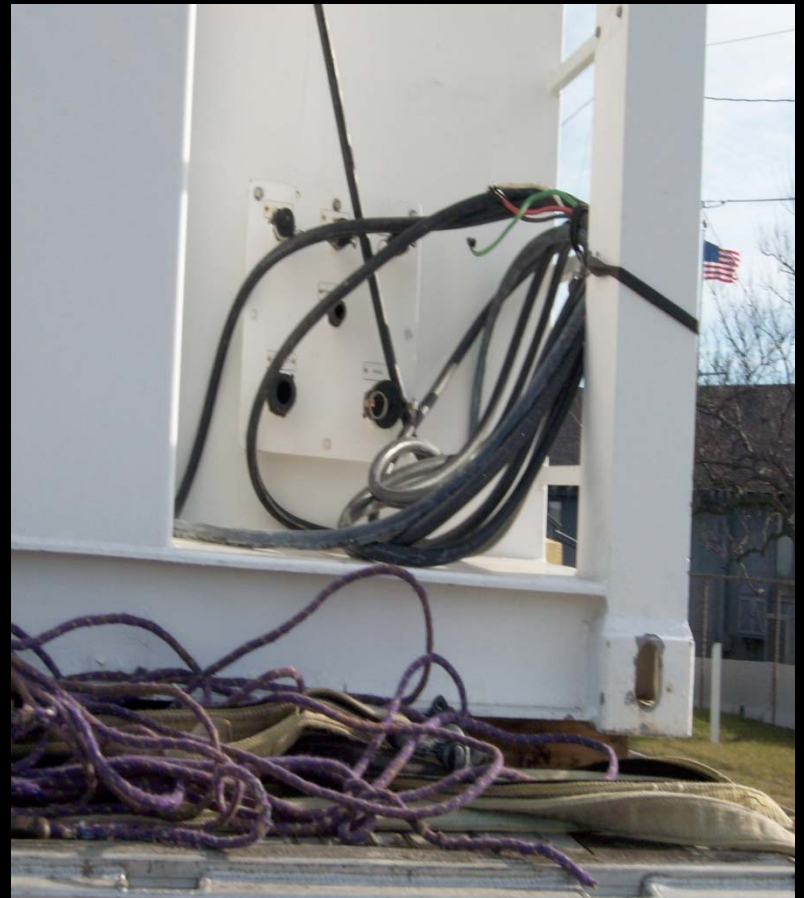
We Need Your Help

Remember that we do this in addition to our day jobs as managing ship operations and technicians group.

The following are some things from this past year that we need your help on, to keep the Van Pool running smoothly.

We Need Your Help

Here a power cord has been tied to the out side of the van for transport. The ends were taped up, but we still could have had water intrusion. Also with the price of cooper this could have easily waked off. These trucks are not always in the best of places.



We Need Your Help

Please do not mount (screw, fasten, glue) anything to the walls of the vans. We expect a long a life for these vans. If everyone mounts things to the wall we will quickly have expensive Swiss cheese walls and a major repair.



We Need Your Help

Please close all wire passes for transport. Here is one right over all the van's electrical panels, if it had rained during the transport it could have been costly or even hazardous.



Improvements

- We are increasing the number of vans so we can meet everyone's request and still maintain an efficient operation.
- East Coast Van Pool Web Site is finally online
<http://marops.cms.udel.edu/uecvp/index.html>
- West Coast Van Pool Web Site
www.shipops.oregonstate.edu/ops/vans/

Thank You



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